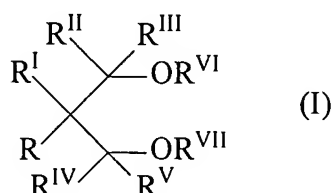


### Amendments to the Claims

1. (currently amended): Catalyst components for the polymerization of olefins comprising Mg, Ti, Cl, and OR groups, where R is a C<sub>1</sub>-C<sub>10</sub> ~~C<sub>1</sub>-C<sub>10</sub>~~-alkyl group optionally containing heteroatoms, or ~~and~~ an ether having two or more ether groups, wherein ~~characterized by the fact that the~~ Mg/Ti weight ratio is lower than 3, ~~the~~ Cl/Ti weight ratio is from 1.5 to 6, ~~the~~ an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms is in a valence state lower than 4.
2. (currently amended): The catalyst components ~~component~~ according to claim 1 in which the ether having at least two ether groups is selected from ~~among~~ 1,3 diethers of the formula (I):



wherein R, R<sup>I</sup>, R<sup>II</sup>, R<sup>III</sup>, R<sup>IV</sup> and R<sup>V</sup>, equal to or different from ~~equal or different to~~ each other, are hydrogen or hydrocarbon radicals having from 1 to 18 carbon atoms, and R<sup>VI</sup> and R<sup>VII</sup>, equal to or different from ~~are~~ each other, are hydrocarbon radicals having from 1 to 18 carbon atoms; ~~have the same meaning of R-R<sup>V</sup> except that they cannot be hydrogen;~~ one or more of the R-R<sup>VII</sup> groups can be linked to form a cycle.

3. (currently amended): The catalyst components ~~component~~ according to claim 2 in which R<sup>VI</sup> and R<sup>VII</sup> are selected from C<sub>1</sub>-C<sub>4</sub> alkyl radicals.
4. (currently amended): The catalyst components ~~component~~ according to claim 2 in which the radicals R<sup>II</sup>-R<sup>V</sup> are hydrogen, the radicals R<sup>VI</sup> and R<sup>VII</sup> are C<sub>1</sub>-C<sub>4</sub> alkyl radicals and the radicals R and R<sup>I</sup>, same or different from ~~to~~ each other, are C<sub>1</sub>-C<sub>18</sub> alkyl ~~C<sub>1</sub>-C<sub>18</sub> alkyl~~ groups, C<sub>3</sub>-C<sub>18</sub> cycloalkyl groups, C<sub>6</sub>-C<sub>18</sub> ~~C<sub>6</sub>-C<sub>18</sub>~~ aryl groups, or C<sub>7</sub>-C<sub>18</sub> ~~C<sub>7</sub>-C<sub>18</sub>~~ alkylaryl or arylalkyl groups.
5. (currently amended): The catalyst components ~~component~~ according to claim 4 in

which R and R<sup>I</sup> are C<sub>1</sub>-C<sub>10</sub> ~~C<sub>1</sub>-C<sub>10</sub>~~ linear or branched alkyls.

6. (currently amended): The catalyst ~~component~~components according to claim 1 in which the ether having at least two ether groups is a 1,2 diether.
7. (currently amended): The catalyst component according to claim 1 in which the Mg/Ti weight ratio is lower than 2, the Cl/Ti weight ratio is from 2 to 5.5, ~~2 to 5.5~~, and the OR/Ti weight ratio is from 0.7 to 3.
8. (currently amended): The catalyst ~~component~~components according to claim 1 in which at least 60% of the titanium atoms is in a valence state lower than 4.
9. (currently amended): The catalyst ~~component~~components according to claim 7 in which the Mg/Ti weight ratio is lower than 1.5, the Cl/Ti weight ratio is from 2.5 to 5, ~~2.5 to 5~~, and the OR/Ti weight ratio is from 0.7 to 2.5.
10. (currently amended): The catalyst ~~component~~components according to claim 8 in which at least 70% of the titanium atoms ~~is~~are in a valence state lower than 4.
11. (currently amended): Catalyst for the polymerization of olefins obtained by contacting (i) a catalyst component comprising Mg, Ti, Cl, and OR groups, where R is a C<sub>1</sub>-C<sub>10</sub> ~~C<sub>1</sub>-C<sub>10</sub>~~ alkyl group optionally containing heteroatoms, or ~~and~~ an ether having two or more ether groups, wherein ~~characterized by the fact that the~~ Mg/Ti weight ratio is lower than 3, ~~from 2 to 6.5 the~~ Cl/Ti weight ratio is from 1.5 to 6, ~~the~~an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms ~~is~~are in a valence state lower than 4, with (ii) ~~(b)~~ an organoaluminum compound.
12. (original): The catalyst according to claim 11 in which the organoaluminum compound is selected from trialkyl aluminum compounds.
13. (currently amended): The catalyst according to claim 11 in which the organoaluminum compound is selected from mixtures of trialkylaluminum and ~~trialkylaluminum's with~~ alkylaluminum halides.
14. (currently amended): The catalyst according to claim 13 in which the alkylaluminum halide is selected from ~~among~~ diethylaluminum chloride, diisobutylaluminum chloride, Al-sesquichloride and dimethylaluminum chloride.
15. (currently amended): A process ~~Process~~ for the (co)polymerization of olefins, CH<sub>2</sub>=CHR, where R is H or a C<sub>1</sub>-C<sub>12</sub> ~~C<sub>1</sub>-C<sub>12</sub>~~ hydrocarbon group, carried out in the presence of a catalyst for the polymerization of olefins obtained by contacting (i) a

catalyst component comprising Mg, Ti, Cl, and OR groups, where R is a C<sub>1</sub>-C<sub>10</sub> alkyl group optionally containing heteroatoms, or an ether having two or more ether groups, wherein a Mg/Ti weight ratio is lower than 3, a Cl/Ti weight ratio is from 1.5 to 6, an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms is in a valence state lower than 4, with (ii) an organoaluminum compound. the catalyst according to anyone of the claims 11-14.

16. (currently amended): The process ~~Process~~ according to claim 15 in which the olefins copolymerized are ethylene and one or more alpha-olefins having from 3 to 12 carbon atoms.